

The Technology Review

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NEARLY A THIRD OF A MILLION

Alumni Fund growing steadily although but thirteen per cent. of men have subscribed—Committees working to get something from every man

The Technology Fund was started April 9, and at the end of six weeks, the amount of money subscribed was \$313,422.20, this amount being received from 1171 men.

It is to be remembered that a large part of this money was raised simply on the strength of a letter sent out by the Alumni Fund Committee. Class letters began after about a month had elapsed, but it is safe to say that a quarter of a million dollars came in response to the letter of the committee alone.

It is surprising to note that, up to date, not quite thirteen per cent. of all the former students of Technology are on the subscription list, but a strong effort is being made by chairmen of geographic committees to get as many men as possible to subscribe before the first of July, as we hope we may be able to pass the half million mark by that time.

Readers of the REVIEW who have not sent in their pledge cards should do it now. The efficiency of our work depends largely on the time as well as the amount, and the committee wants to know where we stand before the summer comes on.

Some of the classes have done remarkably good work, in fact most of the younger classes stand extremely well in

the list below. The relative standing of the classes is based on two things: First, the percentage of men in the class subscribing; and second, the percentage of the class assessment subscribed. By making a combination of these two we arrive at the relative standing of the classes. Some of the classes have given very large amounts but have not as large a percentage of subscribers as other classes who have not subscribed as much. Some of the younger classes are making a very strong campaign and have not only secured a great number of subscribers, but have been successful in raising a large quota of the amount assessed against the class.

In the tables used in this article showing the standing of classes and geographical centers to date, are certain percentages based on the amount assigned to the class or to the locality. This assignment is made on the basis of \$10 per man for each year out. The entire list of former students has been gone over both with reference to the class and with reference to the locality in order to get these figures. It will be seen that the proportional number of men subscribing is equally important to the amount subscribed, for unless we get something from every one

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Class	Subscribers	Amount	(a) % of men subscribing	(b) % of amount subscribed	Class Standing		Total Points
					a	b	
'68	3	\$5950.00	13.60	61.50	17	6	23
'69	2	510.00	9.10	5.39	34	40	74
'70	4	375.00	10.50	2.35	30	43	73
'71	2	75.00	4.15	.44	43	44	87
'72	4	1500.00	13.80	12.94	15	25	40
'73	8	8550.00	17.30	41.50	7	7	14
'74	4	875.00	6.35	3.20	39	42	81
'75	8	2870.00	10.40	10.06	32	31	63
'76	9	23775.00	12.	88.	24	3	27
'77	8	2080.00	11.90	8.96	25	33	58
'78	9	9975.00	20.	65.20	3	5	8
'79	13	3885.00	19.70	17.80	5	19	24
'80	3	3500.00	10.70	39.10	29	8	37
'81	20	6190.00	33.33	33.33	1	10	11
'82	3	1500..0	5.17	8.60	41	35	76
'83	2	1100.00	3.64	6.92	44	39	83
'84	10	2710.00	12.80	12.40	21	29	50
'85	17	22755.00	18.80	93.60	6	2	8
'86	9	1825.00	9.10	7.08	35	38	73
'87	12	4825.00	7.42	11.90	37	26	63
'88	25	62285.00	14.80	153.	11	1	12
'89	23	10265.00	30.20	25.	2	13	15
'90	25	10350.00	13.80	26.70	16	12	28
'91	28	7830.00	15.50	20.70	9	14	23
'92	15	3850.00	6.90	8.90	38	34	72
'93	50	38425.05	16.66	67.30	8	4	12
'94	15	3570.00	5.56	7.36	40	37	77
'95	29	7925.00	12.40	20.10	23	16	39
'96	33	6990.00	10.50	14.	31	23	54
'97	23	3300.00	8.90	8.50	36	36	72
'98	37	9570.00	10.80	20.	28	17	45
'99	33	3395.00	11.70	9.30	26	32	58
'00	16	1535.00	5.20	4.18	42	41	83
'01	36	3885.00	11.40	11.20	27	28	55
'02	29	3455.00	9.20	10.90	33	30	63
'03	45	3710.00	14.20	13.10	14	24	38
'04	51	4745.00	13.10	15.20	19	21	40
'05	73	4995.00	14.50	14.20	13	22	35
'06	62	4370.00	13.	15.30	20	20	40
'07	55	2467.00	12.60	11.30	22	27	49
'08	69	3810.00	14.80	20.40	12	15	27
'09	74	2850.15	15.50	20.	10	18	28
'10	95	2890.00	20.	30.40	4	11	15
'11	84	3130.00	13.20	33.50	18	9	27

of the 9151 men, we shall fall far short of the grand total it is hoped to raise. As a matter of fact there have been enough generous subscriptions to more than keep pace with this nominal assessment, so that the younger men who are not able to subscribe large amounts should not hesitate to send in a modest subscription.

A pledge card for \$5, annual subscription of \$1 a year, came in as this article was written. A letter accompanying it, states that the writer is out of employment, but desires to be at least represented and can undoubtedly increase this amount very materially before the time expires. Pinned to the \$1 which is sent by way of first payment, is the annotation, "Don't spend it all in one place." This is the real spirit of the fund and if the men who are hesitating because their subscription must necessarily be small, will take this view of the case, the fund will be doubly effective.

The following list shows the classes in order of merit:

1—'78	23—'06
2—'85	24—'98
3—'81	25—'07
4—'88	26—'84
5—'93	27—'96
6—'73	28—'01
7—'89	29—'77
8—'10	30—'99
9—'68	31—'75
10—'91	32—'87
11—'79	33—'02
12—'76	34—'92
13—'08	35—'97
14—'11	36—'70
15—'90	37—'86
16—'09	38—'69
17—'05	39—'83
18—'80	40—'94
19—'03	41—'74
20—'95	42—'83
21—'72	43—'00
22—'04	44—'71

The table given on the opposite page explains itself and shows just what relations the classes bear to each other. Considerable rivalry is being manifested and as a result many of the class subscriptions

are growing rapidly. If your class doesn't show up well in this list perhaps you can help either by sending in your own card or by assisting the class chairman to get others to do so. Some of the classes who apparently make a poor showing on this list have a low score for some good reason. In some cases the classes are to have a reunion and it has been thought best not to work up the Fund matter until the men get together next month. In other cases the class work has hardly yet begun, but in two weeks more every class should have been able to better itself decidedly, and the relative standing at that time will be interesting. We shall compare the standing with that given in this issue. The comparison between different geographic centers is made in the same way as between classes.

In the order of merit the different localities stand as follows:

	POINTS
1. Cuba	3
2. Akron	10
3. Wilmington	14
4. Cleveland	15
5. Syracuse	15
6. St. Louis	25
7. Canal Zone	27
8. Connecticut	29
9. Rochester	30
10. Canada	32
11. Detroit	32
12. Minneapolis	32
13. Buffalo	34
14. Portland, Ore.	34
15. Providence	35
16. Mexico	43
17. Philadelphia	43
18. Savannah, Ga.	43
19. New York City	44
20. Milwaukee	46
21. Maine	48
22. Chicago	49
23. Los Angeles	49
24. Mass. miscel.	49
25. Columbus	51
26. Indianapolis	51
27. Pittsburgh	51
28. Atlanta, Ga.	56
29. Schenectady	56
30. Springfield	57

31. Tennessee & Ky.....	59	49. New Bedford.....	99
32. Foreign	59	50. Hawaii.....	100
33. Texas, Louisiana & Okla.....	61	51. Tacoma, Wash.....	103
34. Cincinnati.....	65		
35. Worcester.....	66		
36. Spokane, Wash.....	69		
37. Baltimore.....	72		
38. Birmingham.....	72		
39. New Hampshire.....	72		
40. Kansas City.....	78		
41. San Francisco.....	78		
42. Steelton.....	78		
43. Washington, D. C.....	80		
44. Seattle.....	83		
45. Pittsfield, Mass.....	92		
46. Vermont.....	92		
47. Fall River.....	94		
48. Denver.....	98		

Cuba, for instance, has sent in eight subscriptions out of a possible eighteen, thus having the highest percentage of subscribers and at the same time the assessment has been over-subscribed.

The table showing the order of merit of the classes will be reproduced next month so that the changes in the two months may be easily seen.

The large table which follows giving the details of the Fund with reference to the various geographic localities is made up on the same basis as that showing the class figures.

District	Subscribers	Amount	\$10.00 Basis	(a) % of men subscribing	(b) % of amount subscribed	Standing		Total Points
						a	b	
Akron, Ohio.....	17	\$1215.	\$3870.	41.5	31.4	4	6	10.
Atlanta.....	4	235.	3190.	14.8	7.37	20	36	56.
Baltimore, Md.....	12	540.	11060.	13.8	4.49	26	46	72.
Birmingham, Ala.....	5	220.	4160.	12.5	5.28	30	42	72.
Buffalo, N. Y.....	11	6355.	10080.	12.5	63.04	31	3	34.
Boston, City of.....	189	177265.	219210.		80.7		2	
Canal Zone.....	1	250.	600.	14.3	41.6	23	4	27.
Chicago, Ill.....	51	8285.	53647.	13.1	15.5	29	20	49.
Cincinnati, Ohio.....	7	1435.	12780.	7.86	11.25	46	29	65.
Cleveland, O.....	21	5005.	15640.	18.6	32.03	10	5	15.
Columbus, O.....	6	400.	5140.	15.4	7.78	16	35	51.
Connecticut (State). ..	35	3575.	22390.	18.4	16.00	11	18	29.
Cuba.....	8	1975.	1580.	44.3	125.00	2	1	3.
Denver, Colo.....	10	510.	15430.	7.6	3.3	48	49	98.
Detroit, Mich.....	17	2715.	14540.	15.	18.7	18	14	32.
Fall River, Mass.....	1	500.	9570.	1.85	5.22	51	43	94.
Hawaii.....	1	60.	2440.	6.25	2.46	49	51	100.
Indianapolis, Ind.....	9	475.	6690.	16.7	7.11	13	38	51.
Japan.....			2060.					
Kansas City, Mo.....	6	550.	7840.	9.8	7.02	39	39	78.
Los Angeles, Calif.....	11	3625.	16410.	9.9	22.1	38	11	49.
Lowell, Mass.....	27	4690.	45090.	8.5	10.4	43	30	73.
Maine, State of.....	19	1440.	17790.	15.6	8.10	15	33	48.
Manila, P. I.....			2160.					
Massachusetts, Misc....	178	31915.	188520.	11.6	16.9	32	17	49.
Milwaukee, Wis.....	7	1870.	8530.	11.48	21.9	34	12	46.
Minneapolis, Minn.....	15	2635.	13330.	15	19.8	19	13	32.
New Bedford, Mass....	7	460.	16080.	7.15	2.86	49	50	99.
New Hampshire (State)	11	1570.	16030.	9.6	9.89	40	32	72.

District	Subscribers	Amount	\$10.00 Basis	(a) % of men subscribing	(b) % of amount subscribed	Standing		Total Points
						a	b	
New York City.....	142	22755.	144840.	13.9	15.75	25	19	44.
Philadelphia, Pa.....	29	3775.	26940.	14.8	14.	21	22	43.
Pittsburg, Pa.....	25	2780.	23430.	14.	11.84	24	27	51.
Pittsfield, Mass.....	4	325.	7480.	8	4.34	44	48	92.
Portland, Ore.....	10	830.	6330.	19.2	13.1	9	25	34.
Providence, R. I.....	29	3090.	22390.	17.4	13.6	12	23	35.
Rochester, N. Y.....	9	1085.	6240.	16.4	17.4	14	16	30.
San Francisco Cal.....	15	1185.	19880.	10.08	5.96	37	41	78.
Savannah, Ga.....	7	1560.	8570.	13.5	18.2	28	15	43.
Schenectady, N. Y.....	12	1995.	14050.	10.4	14.2	35	21	56.
Seattle, Wash.....	1	75.	7230.	1.64	10.36	52	31	83.
Steelton, Pa.....	6	270.	5920.	11.52	4.56	33	45	78.
St. Louis, Mo.....	11	2170.	9060.	15.1	23.9	17	8	25.
Spokane, Wash.....	8	1220.	10380.	9.3	11.8	41	28	69.
Springfield, Mass.....	8	3370.	15110.	7.7	22.3	47	10	57.
Syracuse, N. Y.....	13	1675.	6780.	19.7	24.7	8	7	15.
Tacoma, Wash.....	1	50.	2930.	5.26	1.71	50	53	103.
Tennessee & Ky.....	7	545.	6190.	14.6	7.2	22	37	59.
Texas, Louisiana & Okla.....	13	700.	9010.	13.5	7.78	27	34	61.
Vermont, (State).....	3	250.	5740.	7.89	4.36	45	47	92.
Washington, D. C.....	25	1512.	31050.	10.12	4.87	36	44	80.
Wilmington, Del.....	7	885.	3840.	26.9	23.	5	9	14.
Worcester, Mass.....	16	3475.	26070.	8.9	13.39	42	24	66.
Canada.....	29	1865.	14660.	22.5	12.72	6	26	32.
Mexico.....	3	525.	7530.	42.9	6.96	3	40	43.
Foreign.....	3	361.85	15430.	22.	2.34	7	52	59.

Dean Talbot Honored

A painting of Dean Marion Talbot, '88, of the University of Chicago, has been presented to the university with which she is connected by friends and colleagues.

Miss Talbot came to the university when it was first opened, having recently been graduated from the Institute. Before going to Chicago she taught at La Salle Seminary. To her is largely due the organization of the Woman's Halls, and she has been closely identified with the effort to introduce the vocational idea into the university curriculum. Those who know Miss Talbot believe that she is entering a still more important

phase of her service with the University of Chicago.

20th Anniversary of the Class of '92

The class of '92 will celebrate its twentieth anniversary at "Terrace Gables," Falmouth Heights, from Saturday, June 1, until Tuesday, June 4, both inclusive. The trip will be made from Boston by automobiles on the afternoon of June 1, arriving at the hotel in time for the reunion banquet and jollification meeting in the early evening. The members of the class will return to Boston in time for the Pop Concert, June 4. The hotel at Falmouth Heights will be devoted exclusively to the use of the class.

Prof. A. Lawrence Rotch

Prof. A. Lawrence Rotch, '84, founder of the Blue Hill Meteorological Observatory, and holder of various insignia conferred by scientific societies and by royalty, died April 4th in Boston. Professor Rotch was taken suddenly ill with appendicitis and the operation terminated fatally. He was fifty-one years old. His widow and three children survive him.

Abbott Lawrence Rotch was born in Boston, January 6, 1861. His father came of a Quaker family who were the founders of New Bedford, and his mother was a daughter of the Hon. Abbott Lawrence, sometime Minister to England, friend of Daniel Webster, and treasurer of the funds with which New England supplied the wants of that great man. Young Rotch spent his youth in Europe, and, on returning to America, entered Chauncey Hall School, where he was prepared for the Massachusetts Institute of Technology, in which he took the course of mechanical engineering and was graduated in 1884.

That year he began to build his Meteorological Observatory on the Great Blue Hill, with which his name has been associated, and in which the first observations were made February 1, 1885. Its annual observations have been published in the "Annals of the Observatory of Harvard College." He set a pattern to meteorologists of the land, and to the National Weather Bureau itself. Mr. Rotch adopted the international system of records before they came into use at Washington. He introduced the cyclostyle weather reports in 1886, and his local weather forecasts, hung side by side with the Government's prognostications, are said to have been more efficient and trustworthy. Hourly observations of clouds and all sorts of self-registering records of phenomena have been made for years—not at random, but upon principles which render the mass of material immensely valuable.

Professor Rotch observed for meteorological purposes the three solar eclipses of 1887, 1889, and 1893—the first in Russia with Kreppen and Upton, that of 1889

with Upton in California, and that of 1893 with the Harvard Observatory expedition in Chili. He was in Paris in 1889, officially attached to the exposition as a member of the jury of awards for instruments of perfection, and was a member of the International Meteorological and Climatological Congress. In 1889–1890, with M. de Boot, he made an excursion into the northern deserts of Algeria to make magnetic and meteorological observations.

Harvard gave Professor Rotch in 1891 the degree of M.A. and an appointment as assistant in the Observatory. He gained fame for his investigations of upper air currents and for employing kites in obtaining meteorological data. He obtained the first observations high above the Atlantic Ocean by means of kites, and with registering balloons he made the first observations at a height of from five to ten miles above the North American continent.

Various foreign orders were conferred on Professor Rotch for his scientific attainments, including Chevalier of the Legion of Honor and Prussian orders of the Crown and Red Eagle. He was a member of many of the scientific societies of the world. He took part in scientific expeditions in South America, Europe, Africa, and North America. He was a trustee of the Massachusetts Institute of Technology and was head of the department of geography and geology at Harvard University.

Tech Meeting at Hartford

At the annual meeting of the Technology Club of Hartford, the following officers were elected for the ensuing year: president, Ernest W. Pelton, '03; vice-pres., Robert J. Ross, '05; sec. -treas., George W. Baker, '92; board of governors, Karl E. Peiler, '04, Burton S. Clark, '00, and the president, vice-president, and secretary-treasurer.

Prof. Richard S. Lowe of Yale, who was the guest of the club, gave an interesting address on "Fossil Hunting in the West."

TECHNOLOGY TO GET \$750,000

Bequest of Charles Herbert Pratt gives large sum to the Institute for the Department of Naval Architecture and Marine Engineering

Announcement was made May 10 that the Institute of Technology had received a bequest of \$750,000 by the will of Charles Herbert Pratt, which is to be used for building and endowing the school of Naval Architecture and Marine Engineering. The announcement of this bequest was a complete surprise to everyone, and although it is to be devoted to a special purpose, a building for this department would be necessary on the new site so that the money which would otherwise be devoted to the school of naval architecture can be put to other uses.

Mr. Pratt, who died May 7, was a Boston lawyer, who made his home at the Hotel Vendome. He was a bachelor, without near relatives and practically all his property has been left to the Institute. At the time the will was made the estate was of much less value than it is now and under the terms of the will the money was to remain invested until it had reached the sum of \$750,000 before it should be turned over to the Institute. It is understood that its value has now nearly reached the specified amount and President Maclaurin believes that the building for the department of naval architecture can be erected along with the other buildings. A part of this money will be devoted to endowing the department and the Institute will now be in a better position to attract teachers than before.

The department is now the best of its kind in the country and because of its superiority a certain number of naval constructors are sent to the Institute each year by the Government for post-graduate work. All indications seem to point to a revival of the merchant marine of this country and Mr. Pratt's bequest will undoubtedly be of great service in this coming development.

The department will continue as it has in the past to devote much attention to research work along fundamental lines. This feature was generously supported for many years by Mr. William F. Weld through whose generosity Professor Peabody was able to build the model ship *Froude* which has served to furnish much valuable data. Upon the death of Mr. Weld, the attention of two well-known New York yachtsmen, Mr. Clinton H. Crane and Mr. Arthur C. James, was directed to the work and they are now supplying funds to enable the department to experiment on models of tug boats, a line of investigation which has never received a great deal of attention.

The department has not only been recognized at home, but it has built up a great reputation abroad, where there are large naval interests. Naval constructors from China and Japan have been among the students during recent years and with the increased facilities and the prestige, which, the recent bequest will bring it will undoubtedly attract to the Institute many young men of unusual promise in this particular line from all over the world.

The head of the department is Professor Cecil H. Peabody, '77, through whose efforts the department has acquired its present high status. With him are Prof. William H. Hovgaard, of the Danish Navy, and Prof. H. A. Everett who was recently confirmed as official yacht measurer by the clubs of Massachusetts Bay.

Newspapers of recent date have announced that the Pratt will leaving \$750,000 to the Institute will be contested by the first cousins of Mr. Pratt who are his nearest relatives. There are fifteen of these contestants. The ground upon which the will will be contested is not disclosed by the counsel for the relatives.

Class of 1907 Celebrate

The class of 1907 is preparing for its first reunion, which will be celebrated in proper style at Bursar Rand's farm at Bellingham, Mass., June 14, 15, 16 and 17. The class is preparing for the event with the greatest enthusiasm, as is indicated by the postal card they are sending out and which is reproduced on this page. The celebration will be unique in many respects. Various stunts have been prepared and will be pulled off with very

1907-REUNION

JUNE 15, 16, and 17

**JOIN
THE
PROCESSION!**

A Letter with Full Details Will Reach You Soon

1907's PRIVATE TRUCK

BIG EATS

RAH! For the Borsar

WE ARE HAPPY

MINNAPOTA BREV

STRAWBERRY PRESERVES

short waits between the acts. A cow-milking contest is one of the latest features. The Bursar is a member of the class, a sort of a godfather, and he is looking forward to the time of his life.

A. M. H.

Quarter-Centennial of '87

The Class of '87 will meet this year to celebrate its twenty-fifth anniversary. The attendance will undoubtedly be large, many members coming from a distance. The interesting feature of the reunion will be the field day at Bass Rock which is given in honor of the Class of 1912 which will be present.

COUNCIL DISCUSSES NEW BUILDINGS

Committee appointed to study plans for a Walker Memorial—Committee appointed to study the matter of collections—Committee on business administration

The meeting of the Council held at the University Club April 9 was given largely to a discussion of the buildings on the new site which shall be devoted to the social life of the students. Interesting suggestions were also made in regard to methods of collecting alumni dues and of adding to the membership of the Alumni Association.

The secretary reported that Messrs. Henry A. Morss '93, A. F. Bemis, '93 and James F. McElwain, president of the W. H. McElwain Co., a friend of the Institute, had been made a committee on the proposed course in business administration which was discussed at the previous meeting.

It was also reported that M. L. Emerson, '04, Miles G. Richmond, '99 and I. W. Litchfield, '85 had been made a committee to assist the secretary in collecting dues and to create a wider interest in the Alumni Association.

Professor Tyler, reporting for the Walker Memorial Committee, stated, that at the meeting recently held the President, at the request of the committee had appointed A. F. Bemis, '93, Dr. John A. Rockwell, '96, Dr. A. A. Noyes, '86, Dean Burton and H. W. Tyler, '84 as a committee to represent the Walker Memorial Committee in its relations with the building committee of the Corporation. Professor Tyler reported that the committee was engaged in developing concrete plans for the Memorial along the lines of physical culture and social opportunity. The report was merely one of progress, as the committee had only recently been appointed.

Miles S. Richmond, '99, reported on the conclusions of the committee to collect dues etc., and recommended a definite procedure which was heartily approved by the Council. In speaking of increasing the interest in the Alumni

Association, Mr. Richmond stated that he knew of a number cases of men who were really very much interested in the Institute and who would be glad to work with the Alumni Association, but who hesitated about sending in applications for membership. He believed that if appointments to the Alumni Association could be made by the executive committee without an application on the part of the former student, that a very large number of men who have not yet become identified with the association would be glad to come in.

Everett Morss, '85, chairman of the Alumni Fund committee made a report for the committee.

Professor Dewey, chairman of the Faculty, who was the guest of the evening, spoke on the serious matter of properly providing for the welfare of the students on the new site. It is a difficult one because it resolves itself into details as soon as we begin to attack it. It was his opinion that the restaurant should not be tied up with the memorial to General Walker, and he felt that the memorial should be kept separate from the material life of the students. The central idea of the students' social centre should be something to take the men out of the atmosphere of class-room life; it should be, in effect, a most complete social club. It should be conducted on a high plane so that the students will be impressed by its character and respect its standards.

Others expressed the idea that as a club the new union, which might or might not be considered a part of the Walker Memorial, should be equipped with a complete restaurant covering all the needs of the students, catering not only to the class of men who are obliged to live with the colony but to all classes. It was pointed out that it would be perfectly feasible to do this. The restaurant as

part of the present union is almost indispensable, and as a social club it would be incomplete without a restaurant attached. Mr. Morss thought it might be desirable to spend a large sum in addition to the amount raised for the Walker Memorial building in order to make this social center a very complete one. The subject of dormitories and fraternities was touched on in the discussion, all of it very tentative, for no definite plans have yet been presented.

The general sentiment of the Council was expressed by Dr. Dewey when he said that he hoped that these social features would allow an Institute education to stand for something besides instruction; that he hoped the Corporation would take a large view of the matter and provide for the whole life of the student so that he might become an all-round man.

Class of '85 Will Get Together

Because they cannot find better company, the members of the class of '85 are preparing for a three days' reunion at the summer home of one of its members, Frank H. Page, at East Wareham, Buzzards Bay. After taking lunch, Friday, June 7, together in town, the class will make a trip around the Charles River Basin in launches making a landing at the new Technology site, and if satisfactory will accept it and dedicate it. Automobiles will then take the members to East Wareham where they will remain until Monday morning, June 10. No set program has been arranged except an automobile excursion over the route of the new Cape Cod Canal now approaching completion, and a sail together on Buzzards Bay.

Death of Scott B. Putman

Scott B. Putnam, '11, died in El Paso, Texas, April 11, following an operation for appendicitis.

On his graduation last year he went to Parral, Mexico, where his father has interests in mines. He was engaged in engineering work connected with these interests at the time of his death.

Frank Hodgdon Selected

Mr. Frank Hodgdon, '76 has been elected chief engineer of the directors of the Port of Boston, a recently created commission having general jurisdiction over water-front developments. Mr. Hodgdon has been closely associated with harbor work in Boston since his graduation from the Institute. From 1879 to 1893 he was assistant engineer of the Harbor and Land Commission, becoming chief engineer of that body and serving until 1912. In 1897 Mr. Hodgdon was appointed a member of the commission on topographical survey and map of Massachusetts, and in 1898 was a member of the Massachusetts-New Hampshire boundary line commission. Since 1908 he has been consulting engineer for the Florida Coast Line Canal & Transportation Company, and in 1911 was a member of the commission of engineers in the Costa Rica-Panama boundary arbitration, representing the Republic of Panama in the negotiations.

Technology Station at Hawaii

The Technology Station for Volcanic Research at Vilanea, Hawaii has lately been completed, and is now in operation, and daily observations in the crater are being made.

During Professor Jaggar's enforced absence on the mainland the station is in charge of Francis B. Dodge, son of Frank S. Dodge, M. I. T. '75. Plans are being prepared for a second station on the summit of Mauna Loa, nearly 14,000 feet elevation, on the edge of the crater of Mokuaweowea, and it is proposed to open a new trail between the two stations, as soon as the new Vilanea National Park is established by Congress. Surveys for the park are nearly ready for submission to the proper authorities at Washington—and the owners of the land.

Prof. H. A. Everett, '02, has been appointed official measurer for all the principal yacht-racing associations in Massachusetts Bay.

RETIREMENT OF JOHN THOMPSON

He served as Janitor of Rogers Building for thirty-eight years—Rogers as it used to be

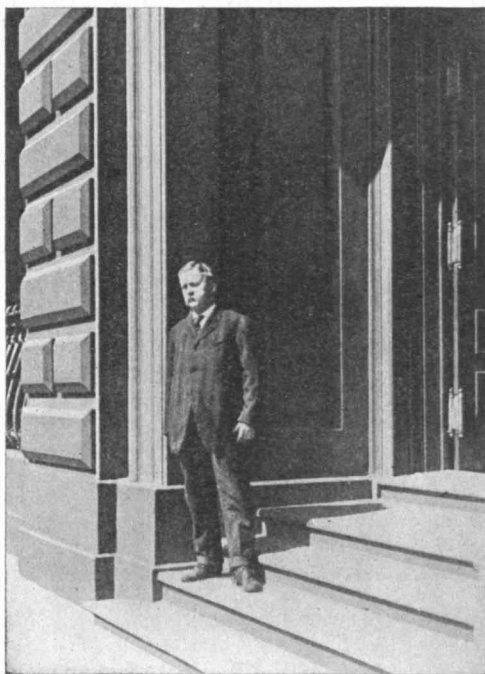
Hundreds of Technology men all over the country will read with surprise and regret that Mr. John S. Thompson, or "Janitor John," as he was more familiarly known, who was for many years janitor of Rogers Building, retired from the service of the Institute about a month ago and is living quietly at 90 Elm Street, Charlestown.

Next to Mrs. Stinson, John Thompson was probably as well known as any other person about the Institute. He came in 1874 when the Rogers Building was the only educational building connected with the Institute. Prof. Rogers was then President. It was not until the early eighties that the Walker Building was built on the site of the old Gym and restaurant which occupied the corner of Clarendon and Boylston streets.

John's recollections cover a long period of years and have to do with thousands of professors and students with whom he has come in contact.

When he first came here there were broad stairs opening down into the mining department from the main corridor of Rogers. The mining department occupied but a small space down stairs. On the east side was a chemical lecture room, and on the west side was the first year freshman laboratory presided over by Prof. William Ripley Nichols, or "Billy Rip," as he was often called by the students. The physics department occupied what is now the general library, and a few years later when Prof. Sedgwick came here from Johns Hopkins University, the biological department was located here and the physics department moved to the Walker Building. The geological department, under Prof. Niles, occupied Prof. Bates' room, and Room 4, which was a general lecture room, is now occupied by the Registrar's office. During the early years of John's administration at the

Institute the general library was ensconced in what is now the President's office. President Walker's office was where the Bursar's office is now and Mr. Rand's private office was used for making papyrographic notes, a diabolical invention for duplicating manuscript notes, which only upon rare occasions suc-



John in the Doorway of Rogers

ceeded in producing anything legible enough to read without careful translation and copious notes.

The upper part of Rogers Building has changed little since John was here. The architects occupied some of the upper rooms as did also what was known as the "Lowell School of Design." The first year drawing-rooms were not cut up as

they are now, but extended nearly the whole length of the building. The civil engineering department occupied what is now the economic library.

Men who come to the Institute rarely, will miss John's familiar face and warm handshake when they visit the Institute in the future. John's acquaintance was wide and until very recent years his memory excellent. He generally could readily locate his man. In the earlier



John in the early eighties

days, students at the Institute were more rough and less considerate than the present generation, and he has many stories to tell of rushes that occurred within the Institute buildings and of pranks played by the students on the professors and on each other. None of these, however, took on large proportions and in fact, when one considers the rougher character of the students of those days, it is a wonder that no more serious outbursts occurred.

Tech Advisory Council

Following the lead of the Tech show, the daily student publication, *The Tech*, has asked the Institute committee to appoint an advisory committee consisting of three men, one of them an undergraduate to represent the Institute committee. The Institute committee appointed H. D. Peck, '13, and requested the Alumni Council to appoint two alumni members. The Council has named Mr. Thomas E. Sears, '03, and Mr. Grosvenor DeW. Marcy, '05.

This committee will act purely in an advisory capacity, as is the case with the Show committee. The result with the Show has been to create co-operation with the other Institute activities and insure a business organization.

It is interesting to note that largely through the influence of the business staff of the Show the finance committee, which comprises the treasurers of all undergraduate activities, was appointed by the Institute committee. The finance committee has become a fixed institution of Technology and it tends to safeguard the credit of the student organizations.

Death of Walter K. Means

Mr. Walter Keith Means, '74, died suddenly on April 17 at his home in Manitowoc, Wis. After being graduated from the Institute he went to Milwaukee about twenty-two years ago to engage in engineering work, subsequently moving to Manitowoc in that state. He had been in the employ of the government for several years.

George Alden Avery

George Alden Avery, a prominent Boston architect, died May 12 at his home in Brookline after an illness of two weeks, aged 60. Mr. Avery was a native of Boston, receiving his education at the Institute. He has designed many public buildings in Boston, Roxbury and Auburndale. He is survived by his wife, one son and one daughter.

PHILADELPHIA GIVES UNUSUAL DINNER

Electricity was the theme not only of the speeches, but of the table service, decorations, menu and songs

With nearly 250 men on the mailing list and a membership increasing weekly, the Technology Club of Philadelphia is booming. An evidence of this was the wonderfully successful "Electrical Dinner" given at Kugler's Restaurant, April 24, which was decidedly unique.

The occasion for "Electrical Night" was the presence of Clayton W. Pike, '89, who was honored by the mayor by the appointment of chief of the Electrical Bureau of Philadelphia, one of the highest engineering positions the city affords. Mr. Pike has charge of all the electrical engineering of the city, the street lights, municipal telephone exchange, police and fire alarms, etc., and gave a most interesting account of his duties. He mentioned some of the difficulties with which he had to contend and brought out the fact that the civil service system, beneficent as it was in many respects, was a serious drawback in that it prevented the discharge of any man except for actual misdemeanor or the most extreme incompetency.

The electrical idea was carried out at the dinner to the last detail. The table was a miniature gay white way with a series of red and frosted white electric lights suspended from a score of telephone instruments resting on inverted battery jars. Battery jars were also pressed into service as celery holders and electric light reflectors of different forms served variously as olive and cake dishes and as vases for the carnations—red ones, product of nature's laboratories and gray ones which were suspected of being nature fakirs. The butter chips were porcelain insulators, wall sockets made excellent salt holders, and the annunciator wire used in the menu lent a final touch of magnetic attractiveness to the affair.

Bell telephone signs, a twenty-foot Tech banner, and the posters of all the Tech Shows decorated the walls around

the top of which was the Hall of Fame which included such great electrical names as Faraday, Kelvin, Jackson, Edison, Smith, Morse, Cross, Marconi, Pike, etc.

The dinner was strictly informal and a gale of fun from beginning to end. The Club Song Book was at each plate, and all the old Tech songs were sung beside many new ones. It was suggested by one of the members that some of the older graduates were not familiar with the Tech Song Book and that it would be a good idea to practice some of our ditties to be able to sing them at the reunions. If they needed any practice, they did not show it, for everyone joined in with a will and made the welkin, not to say the dining-room ring with song-full, if not always tuneful, praises of the Institute.

Following are some of the special verses that were sung:—

TAKE ME BACK TO TECH

ELECTRICAL VERSE

We sigh for those hours of pleasant toils at electrical
metrical stunts
We monkeyed around with induction coils and with
dynamos, series and shunts
The hysteresis losses at capacity load of beers
And all the junk that used to flunk, the electrical
engineers.

'Rah for TECHNOLOGY!
'Ology, 'Ology, oh!
Glorious old TECHNOLOGY!
Ology, 'Ology, 'Ology, 'Ology,

Refrain

TUNE—"WHO ARE YOU WITH TO-NIGHT"

To sons of old Technology all common things are
trite
And so affairs electrical amuse us here tonight
By this sine wave formality, forget your cares and
woe
Plug in the main of merriment and let the current
flow
And we'll have no reluctance to impede the flow of
beer
Although the tables are lit up, of that we have not
fear:—so

Refrain

Cut out the gloom tonight tonight, Oh! cut out the gloom tonight
 Get in the circuit, you can work it, boost up your appetite,
 Keep all the current flowing, going, see that your feeder's right
 If you want your maximum output, get a full load tonight.

Ben Franklin's famous, 'cause he found what made the lightning strike,
 But Franklin never got the job, the mayor gave to Pike;
 You all have heard of Volta's pile, a pile that no one wants
 But if they'd let me choose a pile, I'd rather have du Pont's.
 With such electric leading lights we ought to celebrate
 So you can say when you get home that's why you're insulate:—so

Refrain

Besides the most interesting address by Mr. Pike, there were a number of impromptu addresses. Mr. Herbert T. Hartman, an electrical engineer, graduate of Lehigh University and guest of the president Col. Lyle, '84 spoke of the troubles of a power plant manager in trying to please all the people all the time. Former president, James Swan, '91, Richard Waterman, '92, and Eugene Foljambe, '01 also spoke.

President Lyle, who is also chairman of the local committee of the Alumni Fund Committee, spoke of the work of that body and urged all present to send in their names at once. The secretary read the news of the Institute sent out by the Publicity department, including a notice of the battalion drill, and a cheer was given for the Tech battalion.

The next and final meeting of the season is Field Day, May 25, at the Woodbury Country Club, Woodbury, N. J.

Field Day is always a gala day and the fourscore members and their guests who attend, expect a grand good time and are never disappointed. This winds up the year, and the first meeting in the fall will be 1912 night and all from that class are cordially invited to be the guests of the club on that occasion.

DUDLEY CLAPP, '10.

Something extra doing at the "Pops"
 Tuesday, June 4.

Death of Mrs. Stinson

Mrs. Margaret E. Stinson, who for forty-six years was in charge of the chemical apparatus in the first year laboratory at the Massachusetts Institute of Technology, died at her home, 41 Whiting Street, Dorchester, April 21.

Mrs. Stinson was born in Jamaica Plain in 1833 and attended the Haws School in South Boston. She was married to Jackson L. Stinson when she was eighteen years old and when he died she was left with four children. She began her services at the Institute of Technology in February, 1865, when the Institute was located in Summer street. She had charge of the stock of supplies, which was limited at that time, and she also served as bookkeeper for the laboratories. With the removal to the Rogers Building her duties increased, and for many years thereafter she had supervision over the stock of chemicals, and especially of apparatus and their maintenance as well as a part of the care of the laboratories themselves. Her quarters later were changed to the Walker building when that structure was erected. She relinquished her duties at the close of the last school year. She was known by nearly every Tech man now living. A sketch of Mrs. Stinson's life with her picture appeared in the REVIEW for January.

Tech Buttons are Here

About a thousand new Tech buttons have been received by the Bursar and are now being distributed. A number of Alumni Associations have ordered for each one of their members, and the students themselves are beginning to wear them generally. The button is the outcome of a suggestion of Major Cole, in charge of military instruction at the Institute. The general use of them will serve to introduce Tech men wherever they may be, and as they are attractive but inconspicuous in appearance the usual objection to such insignia will be removed. The price of the buttons is fifteen cents each; by mail seventeen cents. Order of Walter Humphreys, Secretary.

Undergraduate Finance Committee

The last meeting of this committee was held at the Technology Club on May 9, when the members were the guests of Mr. H. L. Coburn, '98. Every member of the committee but one was present and a canvass among the delegates showed that the total amount of money received by undergraduate activities during the past year amounted to twenty-five thousand dollars. After deducting revenue from outside sources, such as advertising, and the like, it was calculated that the students contributed on an average about twelve dollars apiece toward these activities.

The three activities handling the largest amounts of money are

The Tech Show	\$8000
"The Tech"	4500
Technique	4000

The auditing committee reported that they had examined the books and that they appeared to be correct with balances on hand as shown. One of the activities will carry over a small debt. When this obligation was incurred, however, it was understood that the balance of the money was to be paid next year, so that all the activities are solvent and the majority of them in a flourishing condition.

It was the opinion of the meeting that student support of athletics would be increased if the advisory committee would make public its monthly receipts and expenditures through the finance committee, thus bringing a large body of interested men into close touch with the needs of the athletic association, and co-operating with the general plans of the committee.

Each activity is now supplied with a uniform set of books, designed by a special committee appointed last year. Each one of these books is provided with printed directions showing just how it is to be kept. It was voted that a meeting of the committee should be held the first week of the fall term to lay plans for its increased efficiency, and that the books should all be started by one of the older members so that absolute uniformity

would allow of a regular audit at the end of the year.

The alumni members of the committee are: H. L. Coburn, '98, G. DeW. Marcy, '05, I. W. Litchfield, '85.

Technology Association of Minnesota

The annual meeting of the Technology Association of Minnesota was held April 24, at the Hotel Radison, Minneapolis. Mr. Everett Morss, '85, stopped on his way east to get acquainted with the Minnesota men and give Technology a boost. He explained in detail the situation in Boston in regard to the new site and new buildings and made every one present an enthusiast for the future of Technology. At the business meeting which followed, the following officers were elected: William H. Bovey, '94, Minneapolis, president; G. H. Goodell, '92, St. Paul, vice-president; DeW. C. Ruff, '07, St. Paul, secretary, and M. G. Magnuson, '04, Minneapolis, treasurer. We decided to change the name, "The Technology Club of Minnesota" to the "Technology Association of Minnesota" as the name "Technology Club" gave the impression that only graduates of the Institute were eligible for membership and tended to deter former students of the Institute, not graduates, from attending. The by-laws with a complete list of members will soon be printed. During the summer the members will join in an excursion to one of the nearby lakes.

John D. Moore Reappointed

Governor Dix of New York State has re-appointed Conservation Commissioner John D. Moore, '95, for a term of six years. The appointment was confirmed by the Senate without a dissenting vote. Mr. Moore, who is the head of the Inland Water Department has devoted himself with enthusiasm to the important problems presented and his administration has been a marked success. He was first appointed to the Conservation Commission in 1911.

Castles in Spain

The Tech Show, which was given Junior Week at the Schubert Theater, Northampton, and Malden, was perhaps as creditable a performance as has ever been presented by Tech men. The play was written by E. C. Vose, '11, and Wesley Seligman, '12, and was given under the direction of Coach Eugene B. Sanger of New York. The play was called *Castles in Spain*.

Prof. Gunn of the English department had this to say of it in *The Tech*.

"From a literary point of view *Castles in Spain* is a considerable improvement over *Frenziel French*. The dialogue, especially in the first act, is compact and sparkling, and the lyrics are quite successful in embodying humor and sentiment. The plot, too, from the outline that appears, is ingenious in conception, and is spread through the performance in a way that affords a thread for the action as well as rich opportunities for humor and satire. Mr. Phipps and his wife are both characters of more definiteness and reasonableness than are usual in farce, and the situations are less grotesque and impossible than similar performances ordinarily make them. On the whole, both in construction and preservation, the dramatic part is quite successful.

The acting was uniformly good, and it is especially pleasant to recall the entire absence of buffoonery, self-consciousness, and bad taste."

Tech Union gets Library

Major Edwin T. Cole, instructor in military science at the Institute has presented the Tech Union with 550 books, on a variety of subjects, from his own library. Major Cole's gift includes sets of Ruskin, Poe, Dickens and other modern writers, books on historical matters and on military science, international law and civil government.

It is the hope of Major Cole that three books, they will form the nucleus for a large library at the Union.

Officers Elected in Birmingham

On Saturday evening, March 30, a few members of the Southeastern Alumni Association of the M. I. T., met informally for dinner at the Turn Verein. After a pleasant informal meal, at which the recent announcement of the two-and-a-half million dollar gift to the Institute was properly celebrated, the gathering went into business session. The first action was the adoption of the constitution drawn up and presented by the committee consisting of H. G. Woodward, '88, E. C. Wells, '92 and M. R. Scharff, '09. The ballots cast for officers were canvassed and the following were declared elected: president, A. H. Woodward; vice-president, E. C. Wells; secretary-treasurer, M. R. Scharff.

It was decided to hold weekly luncheons on Saturdays, at one, at the Womans Exchange, Title Guarantee and Trust Building, and the hope was expressed that this may be given publicity through the REVIEW so that Tech men happening to be in Birmingham on Saturday, may always know where they may drop in on a congenial gathering for luncheon.

M. R. S.

Death of Nathaniel W. Shed

Professor Nathaniel Walter Shed, '81, who recently died in Buffalo, was the son of the late Joseph G. Shed, a former Boston wool merchant, and was born in Roxbury, December 2, 1859. After being graduated from the Institute he served as an instructor there in 1882. From 1883 to 1888 he was superintendent of the Nashua Iron and Steel Company, and from 1888 to '92 was metallurgist with the Carnegie Steel Company, the Phoenix Iron Company, and the Pittsburgh Reduction Company. In 1898 he was appointed assistant professor of mining and metallurgy at the Pennsylvania State College, where he remained until 1901. Since 1902 until his death he was a consulting chemist and metallurgist in Buffalo, and during the past three years held the chair of metallurgy in the University of Buffalo.

TECH CLUB NEWS

TECHNOLOGY CLUB OF NEW YORK

17 GRAMERCY PARK

DEVELOPMENT OF THE TECHNOLOGY CLUB OF NEW YORK

From modest beginnings it has steadily grown to be one of the strong college clubs of the Metropolis—Enlargement of the Club House now a necessity

The organization of Tech men in New York, it has been aptly said, began in the early nineties in the combination of Alex. Rice McKim, '86, with an Institute catalogue and a bunch of postal cards. It thus came about that there assembled at yearly "banquets" some twenty to thirty men, with officers of the Institute attracted by the banner "M. I. T. Alumni Association in New York."

These gatherings led to more frequent informal meetings and finally in 1903 to the incorporation of "The Technology Club of New York" and the opening of club headquarters at 36 East 28th Street, where the first floor afforded a meeting room and a dining room, and two upper floors were rented to members; and where McKim and a few others assumed simultaneously the responsibility of management and the expense of maintaining the premises.

Here occasional smokers, with talks by men of note, drew larger membership; and while Charles R. Richards, '85, was

president in 1908, the board of five governors was changed to ten which aided in sharing the duties of management and increasing club activities. When it appeared that more men would join and

remain members with better club accommodations, an attempt was made while Harold Binney, '88, was president, to obtain a club house in conjunction with alumni of New England colleges, but this fortunately failed through the unwillingness of alumni of other institutions to pledge necessary funds.

Facing the necessity for new quarters, 17 Gramercy Park was found in May, 1909, and there the club has rapidly risen amid the tall timber of clubs, including Columbia University, Princeton, Players, and National Arts, surrounding the Park.

Increase of membership soon followed the acquisition, in a convenient neighborhood, of so attractive an environment with more suitable dining rooms, with library, writing room, billiard, pool and card



George W. Kittredge, '77, President

rooms on the first two floors of the building and rooms for resident and non-resident members on the two upper floors.

The adoption of a more appropriate constitution, the increase of dues, the establishment of house rules and the appointment of active committees for house management, membership, publicity, entertainment, pool and bridge tournaments, class reunions, library, nominations and business opportunities, have aided in creating greater interest in the club and a cordial social spirit among its members. The popularity of the club is shown every day in the number of men,—unusual in alumni clubs,—who meet at luncheon and at dinner and who gather in the library, pool and card rooms. Monthly smoke talks on up-to-date subjects by men of prominence, Tech graduates, and others, have provided interesting evenings with opportunity for friendly intercourse; and class reunions, special dinners and luncheons and the maintenance in the summer time of an out-of-door dining room, have notably contributed to success. The interest of members in forwarding the welfare of the club has been evidenced by the men who have aided in the work of the various committees, and by the donations from members of pictures, books and magazines, and, most recently, by the very successful

annual dinner which attracted many of the more prominent graduates.

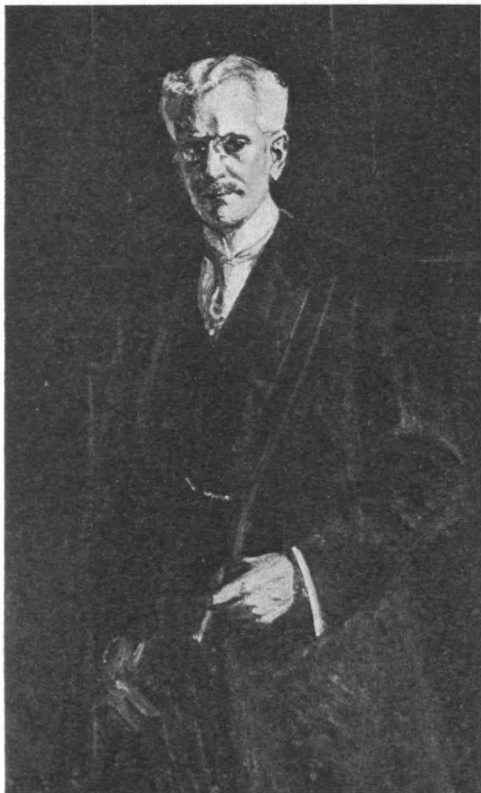
In February, 1912, the term of William H. King, '94, as president expired and George W. Kittredge, '77, was elected president with a board of governors including F. C. Schmitz, '95, Ira Abbott, '81, Walter Large, '79, J. Waldo Smith, '87, Allen Hazen, '91, R. H. Howes, '03, James A. Emery, '93, L. D. Gardner, '98, and Norman G. Nims, '90.

It has become apparent that the present club house will soon be inadequate for the increasing membership and the present Board has for solution the question of the best means of obtaining at least double the present dining-room space, additional pool, billiard and card rooms, and other club facilities and also additional single rooms, particularly for non-resident members and other transient visitors.

A plan to furnish such facilities is now being considered, which involves the construction of an addition to the present building, made possible

by the fact that the building is thirty-three feet wide and covers only about half of a lot which is one hundred and thirty-five feet deep.

With such increased accommodations at least one hundred and twenty-five men in place of sixty men could obtain service together at luncheons and dinners; special dinners could be separately served in rooms for classes; a bar could be provided;



Alex. Rice McKim, '85, founder of the club

From the painting by Louis Mark

additional billiard and pool tables could be obtained; another card room would be available; some thirteen attractive additional single rooms would be afforded; and a larger assembly room for meetings and smokers would be created.

It is certain that the club must expand, not only because each year brings new graduates to New York and the resident members demand a commodious and appropriate club house, but also because New York, more than any other city, is constantly visited by Tech men who gladly avail themselves of the comforts among congenial men which an adequate alumni club house affords.

By the co-operation of Tech men in New York in joining the club and carrying forward this enterprise, the need and desire for such expansion will find fulfillment and in the near future New York should see the establishment of an alumni club house which by furnishing larger and better accommodations and more opportunity for club activities, will keep pace with the development of the Institute and the increase of good fellowship among its graduates.

The New Technology and the Technology Club of New York

With the site by the Charles River secured, with the magnificent gift for new buildings, and with the planning of those buildings for dignity and effective-

ness on a broad and comprehensive scale, the Institute enters upon a new phase in its history. These good things are the reward of a wise and noble educational ideal, prophetically outlined by Rogers and carried forward by Walker and by the Corporation and Faculty of the Institute with tireless and self-sacrificing devotion through years of disheartening struggle against almost overwhelming obstacles. With new times come new opportunities and new responsibilities. The spirit

of Technology which has carried the Institute through its days of trial must ensure the full fruition of the possibilities now dawning. The Technology Club of New York, representing the Institute alumni of the second city of the world has a large share in this future.

The first task of our club, in which so good a beginning has been made in the past, is the cultivation of a spirit of fraternal affection which shall bind Tech men together into a close and co-operative whole. The lunches, and dinners and smokers, the group of friends

always ready to welcome the newcomer, make a center of home feeling which is of incalculable value in the great busy city. The young graduate, the out-of-town visitor, finds an instant welcome at 17 Gramercy Park, feels himself at once one of a group of old comrades; and many a man in time of trouble or bereavement has found here the consolations of companionship. There are still hundreds of men in New York, however, who do not share this privilege because they do not



William H. King, '94, Retiring President

realize all it might mean to them, and all their occasional presence at the club might mean to others.

The club is a center of activity too, as well as of good fellowship. For the individual it serves as a center in the great problem of fitting the man to the job with which, from one standpoint or the other, all of us must deal. The engineer or the business man who wants men can often find them here and find them in ways which ensure a knowledge of the intangible things which make for success and which come only by personal knowledge.¹ The young graduate and the man who is looking for a change can almost always find here opportunities, for the calls for Tech men in every line are far in excess of the supply. For the Institute itself, the club is the organic means by which the alumni and past-students near New York may express their loyalty and gratitude and make it most effective. The club is the means of communication between the body of local alumni and the Institute and the instrument by means of which collective action can most easily be effected. President Maclaurin at the New York dinner asked for advice and co-operation as well as material assistance in carrying forward the task of material reorganization. The Institute is our school, and every man who has studied in old Rogers should make himself a living active part of this forward movement that is going on. We owe to Technology, not merely the loyalty of the ordinary collegian to the scenes of youthful frolics, but a great debt of gratitude for the finest training for life that can be given and for an ideal of effective service that is unique. We owe the Institute all we can repay of service; but it is an inspiring privilege rather than a duty to take part in moulding the greatest scientific university the world has ever seen.

Statistics

The growth of the Technology Club of New York has been as follows:

January 1, 1909.....	266 members
January 1, 1910.....	440 members

January 1, 1911.....	478 members
January 1, 1912.....	533 members

On May 1, 1912, the membership had increased to 571 divided as follows:

Life members.....	4
Resident members.....	396
Non-resident members.....	171
Total.....	571

This membership divided into classes is as follows:

Class.	Resident members.	Non-resident members.	Former students eligible to resident membership.
1868	1	2	4
1869	3	0	3
1870	0	0	1
1871	1	0	2
1872	2	0	2
1873	0	1	1
1874	1	0	1
1875	1	0	2
1876	2	0	3
1877	2	1	5
1878	1	2	4
1879	4	2	8
1880	0	1	2
1881	3	3	6
1882	3	0	3
1883	3	0	6
1884	3	1	6
1885	9	8	17
1886	10	4	14
1887	7	6	13
1888	9	4	21
1889	9	4	14
1890	8	7	15
1891	11	9	20
1892	8	7	32
1893	15	6	29
1894	14	5	29
1895	23	6	26
1896	19	4	42
1897	16	6	34
1898	31	6	52
1899	10	2	32
1900	9	6	34
1901	11	7	43
1902	8	8	29
1903	13	7	33
1904	11	4	46
1905	11	6	46
1906	12	8	40
1907	15	7	24

Class.	Resident members.	Non-resident members.	Former students eligible to resident membership.
1908	18	6	23
1909	16	4	20
1910	27	0	35
1911	10	0	15
1912	2	0	—

Based on the increase in the number of alumni, the membership will naturally increase as follows:

1915.....	664
1920.....	844
1925.....	1,032

In the 1911 Register of Students there were 4,378 living graduates of the Institute. Of these 519, or 12.6 per cent., live in New York and vicinity. Of these 264 are members of the club. Of the non-graduates living in or near New York 127 are members of the club.

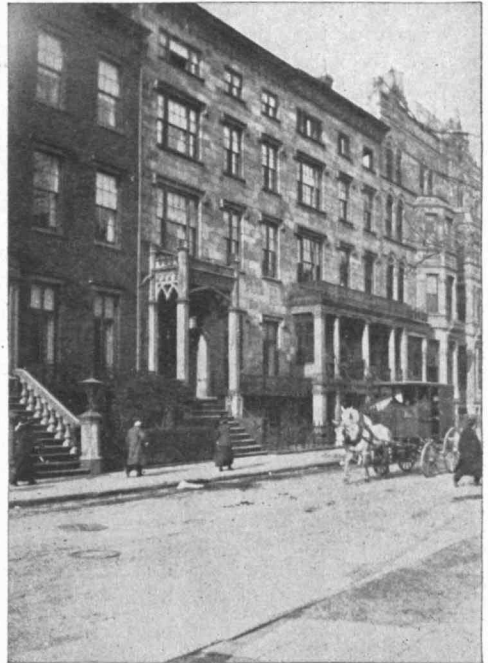
There is a great opportunity for men in each class to round up their classmates. The enthusiasm always shown by Tech men for any movement to help Tech may be counted upon to do this work.

How the Treasurer Looks at It

The Technology Club of New York was incorporated in 1903 and the club house at 36 East 28th Street, was opened in September of the same year. The first annual report of the treasurer was for the year 1904. This report does not disclose the membership but figuring the dues at \$10 per man there must have been about 165 members in the club on January 1, 1905. The income for 1904 was \$6,020, the equipment owned by the club stood at \$1,758 and the profit and loss account had a debit of \$442. The club remained at 28th Street for five full years and on January 1, 1909, had increased its membership to 266 men, and its annual income to about \$10,000, while the equipment account had been reduced to \$975, and the profit and loss account had changed to a credit of \$762. In April, 1909, the club moved to 17 Gramercy Park and on January 1, 1912, had 545 men in its membership, the annual income

for 1911 was \$27,644; the equipment account amounted to \$7,374 and the profit and loss credit stood at \$4,601.

Seventeen Gramercy Park had been fitted up for a club house by Mr. W.R. Hearst at an expense of something like \$18,000 and when we took over his lease on May 1, 1909, we bought all his fittings and furniture for \$2,000 payable in monthly installments during the four years the lease had to run. We moved all the equipment of our 28th Street house to



Technology Club of New York, 17 Gramercy Park

the Park and bought more during 1909. The board of governors desiring to put the club accounts into better shape beginning with January 1, 1910, had an inventory made of all the equipment we possessed and started their equipment account with this inventory value of \$7,330. All old items of equipment and furniture were wiped out at this time and since then only new items have gone into this account, all items of replacement or repairs being charged up as expense.

During the three years 1909-10-11, we have done a business of \$75,142 with a net profit of \$1,376. In this connection it should be noted that our dues for 1909 were only \$10 with no non-resident list, and amounted to \$4,158 against \$8,358 in 1910 and \$8,503 in 1911. It is proper to note that the members, in response to a letter from the Board in August, 1909, asking them to make up the difference between the \$10 and \$20 rate, in the dues, paid in \$1,375, so that the real difference resulting from the lower dues in 1909 was about \$2,800.

A copy of this three years record can be had by any member of the club on request but I note a few of the items:

Cigars. Sales for the three years amounted to \$4,454 and show a good profit. The members could help out by cultivating a box trade on which we now get only a small profit.

Pool. Income \$1,250. This like the cigar trade is growing each year.

Rooms. Income \$12,475. This more than covers our rent and would be larger if we were not short of rooms.

Restaurant. Income \$29,321. This shows a gross profit of \$4,369, that is, the receipts exceed by that amount the cost of all provisions, gas, laundry, and all charges belonging in the account, except wages. The feeding of the help is a part of the expense in this account.

Wages. Amounted to \$12,158. Following the custom of all clubs, so far as I have seen reports, no attempt has been made to divide this item. The question of housing and feeding the help makes any division of this item complicated and the question of where a servant's time should be put is largely a matter of judgment on which no two men would agree.

It is my opinion that the record of the club in a house of its own for the last three years has been what one should have expected and most satisfactory. We moved in with an organization in no way fitted to handle the increased work, but the idea of a club house for Tech men only, took well and new members flocked in and were content to put up with inconveniences while matters were straighten-

ing out. Hence, our first year was our best in the ratio of expense to income. The year 1910 saw our organization shape itself more nearly to our needs, the novelty wore off and general business outside the club showed signs of falling off with the result that the increase in both expense and income about evened up and the profit for 1910 was only a little less than with 1909 in spite of general outside business depression, while our expenses increased by the necessity we were under of getting a man to take care of our accounts, work which had before been done by the treasurer, and the result was a small loss for the year. Unless we go into something new involving expense our 1912 expenses



A Corner of the Library

should be about the same as 1911, but our income should increase with new members; in fact, this increase in income is already in evidence, the restaurant for January and February, 1912, showing a net gain of about \$200.

What we need is more rooms to provide for our non-resident and transient members, better facilities for bathing, better heat, light and water supply, more dining-room space and better connection between the kitchen and dining room, more room for our billiard and card tables, room for a cafe and better service from the help. What Tech men want they get if they deserve it and hence I feel sure our building committee will produce results.

IRA ABBOTT.